

AMENDMENTS TO THE CLAIMS

1. (Previously presented) An isolated human protein hAMSH, which is a signal transduction molecule for cell proliferation, and has the amino acid sequence of SEQ ID No. 1.

2. (Previously presented) An isolated human gene encoding the human protein hAMSH of claim 1.

3. (Currently amended) ~~A cDNA of a human gene~~ A polynucleotide encoding a human protein hAMSH, which is a signal transduction molecule for cell proliferation, wherein the polynucleotide consists of the nucleotide sequence from the 11th to the 1285th nucleotide of SEQ ID No. 2 ~~cDNA is selected from the group consisting of:~~

- ~~(a) hAMSH cDNA having the nucleotide sequence of SEQ ID No. 2, and~~
- ~~(b) hAMSH cDNA encoding a human protein hAMSH having the amino acid sequence of SEQ ID No. 1.~~

4. (Cancelled)

5. (Currently amended) A recombinant vector containing the hAMSH ~~cDNA~~ polynucleotide of claim 3.

6-14. (Cancelled)